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**SENATOR GREGG SECURES \$110 MILLION FOR DEFENSE
CONTRACTS IN NEW HAMPSHIRE IN PENTAGON FUNDING BILL**
Bill also includes \$248M for refueling at PNS and \$150M for breast cancer research nationwide

WASHINGTON -- U.S. Senator Judd Gregg (R-NH), a member of the Senate Defense Appropriations Subcommittee today announced that he has included \$110 million in federal funding for Granite State defense initiatives in the Fiscal Year 2004 Senate Defense Appropriations bill approved by the full Senate Appropriations Committee today. Senator Gregg was also able to include an additional \$248 million to conduct an engineering refueling overhaul of the USS Jacksonville at the Portsmouth Naval Shipyard. Senator Gregg strongly supported \$150 million for continued breast cancer research nationwide that is in the bill as well. A full list of the Granite State projects is attached. The measure provides \$368.6 billion in discretionary spending for the Pentagon, including a 4.5% pay raise for military personnel and a funding increase in basic allowance for housing to reduce out of pocket costs from 7.5%. The measure is now ready for consideration by the entire Senate, expected to be this month.

Senator Gregg stated, "The men and women of our armed forces around the nation and around the world continue to conduct themselves with bravery and valor. They are able to carry out their duties by relying on the finest military and safety equipment in the world, and today's Appropriations Committee vote entrusts New Hampshire companies with a crucial role in keeping our military personnel safe. For years companies from our state have risen to the challenge when asked by our military to provide the most technologically-advanced equipment available, and I am pleased to see the Senate once again call on Granite Staters to help our armed forces."

In addition to the overhaul of the USS Jacksonville, the measure includes \$28.9 million to be divided between the four U.S. Naval Shipyards for the Naval Shipyard Apprentice Program. Senator Gregg recently announced the FY04 Military Construction Appropriations bill currently working its way through the Senate includes \$7.6 million he included for two projects which affect the Granite State: \$6.1 million for a new fire, crash and rescue station on the Pease Air National Guard Base in Newington and \$1.5 million for the Portsmouth Naval Shipyard's Structural Shop Consolidation Project.

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FY 2004 Department of Defense Appropriations Bill
Reported by the Senate Appropriations Committee - July 9, 2003
Prepared by the Office of Senator Judd Gregg (R-NH)
Member, Senate Appropriations Committee

Seacoast

Autonomous Undersea Systems Institute, Lee - \$1 million for research leading to the development and qualification of a network of long endurance, unmanned, underwater vehicles for the U.S. Navy.

Noesis, Inc., Dover - \$8.7 million to accelerate and expand the installation of high performance brush technology in motors and motor-generators in U.S. Navy nuclear submarines.

Nova Technology, Portsmouth - \$2 million to continue development of a new device to be used by the military to evaluate the degree of shock/trauma in battlefield casualties. The capability will result in better critical care for combatants and help save lives.

Planning Systems Inc., Portsmouth - \$3 million for continued development of submarine combat control architecture to provide interfaces between all of the components in the submarine combat control system for the U.S. Navy.

Portsmouth Naval Shipyard, Portsmouth - \$248 million for an engineering refueling overhaul of the USS Jacksonville, SSN 699, which would be accomplished at Portsmouth. In addition, the Committee included \$28.9 million to be apportioned between the four U.S. Naval Shipyards for the highly successful Naval Shipyard Apprentice Program and the Committee directed the Navy to induct classes of no fewer than 125 apprentices at each of the four naval shipyards in FY 2004.

University of New Hampshire, Durham - \$2.5 million for research and development leading to better marine coatings to prevent biofouling of ship hulls and corrosion of all steel surfaces in the harsh marine environment. A variety of new technologies are emerging that suggest the possibility of engineering new coating systems with dramatically improved performance.

Wastech International, Inc. Portsmouth - \$1.7 million to complete testing of a prototype deployable field microwave wastewater treatment system to help the U.S. Army reduce the overall logistical footprint of temporary base camps. Wastech International is a leader in developing this technology for residential and military applications.

Wilcox Industries, Portsmouth - \$3 million for production of dual mode breathing systems for use by U.S. Navy Explosive Ordnance Disposal technicians when locating, identifying, disabling and/or destroying munition devices. Wilcox Industries manufactures items of this type and can compete for these procurement requirements.

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Greater Manchester and Nashua Areas

BAE, Nashua - \$34.3 million to fund six programs, including: development and testing of improved electronic countermeasures for U.S. combat aircraft; at-sea testing and demonstration of a new littoral anti-submarine warfare system that will provide a significant increase in capability over existing systems; research and testing aimed at adapting the self-protection system previously developed for the U.S. Air Force F/A-22 aircraft to U.S. Navy surface ships; developmental testing of an advanced threat alert and response receiver and lightweight modular support jammer for the U.S. Air Force; accelerated technology demonstrations of the U.S. Army's advanced precision kill weapons system; and, procurement of defensive systems to help protect U.S. Special Operating Forces rotary wing aircraft from surface-to-air, infrared guided missiles.

Creative Optics, Inc., Bedford – \$2.5 million for the production, installation, and testing of fire-fighting training systems for the U.S. Navy, U.S. Air Force National Guard and U.S. Army National Guard.

Gentex Inc., Derry - \$3 million for the production of improved, greater capability oxygen masks, with communication capabilities for U.S. Navy pilots.

Insight Technology, Inc., Londonderry - \$9.5 million to fund three programs, including production of Infrared Target Pointer Illuminator Aiming Lights and Carbine Visible Lasers for U.S. Special Operating Forces, continued research and development of the U.S. Army's next generation night vision image intensifier and thermal goggle systems, and production of panoramic night vision goggles to provide U.S. military personnel with improved situational awareness, threat avoidance, and survivability

Malden Mills, Lawrence, MA - Upwards of \$22 million for production of Extended Cold Weather Clothing Systems for U.S. Army, U.S. Army National Guard, and U.S. Army Reserve personnel and for production of Multi-Climate Protection Systems for U.S. Naval and Marine Corps personnel. Malden Mills manufactures components of these clothing systems.

Meggitt Avionics, Manchester - \$1.5 million to customize flame contamination detection systems for use as a contaminant detectors for U.S. Navy shipboard gas turbine applications. By identifying sodium and other fuel contaminants with the flame contamination detection system, shipboard engine operation with fouled corroded nozzles will be eliminated, increasing engine hot section life and decreasing failures.

Mentis Sciences Inc., Manchester – \$3.5 million for development, test and evaluation of an advanced composite radome for Patriot missiles, and for research and development of low cost enabling technologies for multi-functional composite materials.

Scientific Solutions, Inc., Nashua - \$3 million to accelerate development of an integrated marine mammal monitoring and protection system for the U.S. Navy.

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Transparent Language, Merrimack – \$500,000 to provide commercial software technology for language communication and training in specialized military and intelligence topics for critical Central Asian, Arabic and related languages.

Upper Valley

Creare Inc., Hanover – \$2 million to continue development of a system which produces, stores and delivers both nitrogen and oxygen to enable safe aircraft operation with no ground support requirements.

Timken Aerospace, Lebanon - \$4 million to fund two programs, one directed at developing a high speed hybrid bearing for U.S. Air Force applications such as the F/A-22 aircraft, and the other directed at assisting in university research to determine temperature, vibration, strain and angular rotation in rolling element bearings for the Department of Defense.

U.S. Army Cold Regions Research and Engineering Laboratory, Hanover - \$2.2 million to accelerate research and development efforts to improve U.S. Army computer-based terrain based decision aids for operational commanders' mission planning and execution.

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